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| Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i> | | Docket Number (Optional) 4208.8US (99-0316.08/US) Applicant Vernon M. Williams Filing Date July 15, 2003 | | Application Number To be assigned Group Art Unit To be assigned 2818 | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
|---|--------------------|--|--------------------------------------|-------|----------|-------------------------------|----|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| PD ↓ | 4,138,672 | 02/1979 | Kepchar | — | — | | |
| | 4,511,595 | 04/1985 | Inoue | — | — | | |
| | 4,526,807 | 07/1985 | Auerbach | — | — | | |
| | 4,578,155 | 03/1986 | Halliwell et al. | — | — | | |
| | 4,695,258 | 09/1987 | Hanson et al. | — | — | | |
| | 4,891,635 | 01/1990 | Hata | — | — | | |
| | 4,954,873 | 09/1990 | Lee et al. | — | — | | |
| | 5,007,576 | 04/1991 | Congleton et al. | — | — | | |
| | 5,079,974 | 01/1992 | Weiss et al. | — | — | | |
| | 5,141,680 | 08/1992 | Almquist et al. | — | — | | |
| | 5,173,220 | 12/1992 | Reiff et al. | — | — | | |
| | 5,174,943 | 12/1992 | Hull | — | — | | |
| | 5,264,061 | 11/1993 | Juskey et al. | — | — | | |
| | 5,278,442 | 01/1994 | Prinz et al. | — | — | | |
| | 5,344,298 | 09/1994 | Hull | — | — | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
| | | | | | | YES | NO |
| PD | 63-160351 | 07/1988 | Japan | | | | |
| PD | 0 493 307 A2 | 07/1992 | Europe | | | | |
| PD | 2001-217614 | 08/2001 | Japan | | | | |
| OTHER DOCUMENTS | | | | | | | |
| (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| PD ↓ | | MILLER, Doyle, "New Laser-Directed Deposition Technology," HDI, p. 16 (August 2001). | | | | | |
| PD | | MILLER, Doyle, et al., "Maskless Mesoscale Materials Deposition," HDI, pp. 20-22 (September 2001). | | | | | |
| EXAMINER PHUC T. DANG | | | DATE CONSIDERED 12/30/2003 | | | | |
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| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| PD ↑ ↓ PD | 5,461,769 | 10/1995 | McGregor | — | — | |
| | 5,484,314 | 01/1996 | Farnworth | — | — | |
| | 5,501,824 | 03/1996 | Almquist et al. | — | — | |
| | 5,510,066 | 04/1996 | Fink et al. | — | — | |
| | 5,541,367 | 07/1996 | Swamy | — | — | |
| | 5,545,367 | 08/1996 | Bae et al. | — | — | |
| | 5,569,349 | 10/1996 | Almquist et al. | — | — | |
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| | 5,676,904 | 10/1997 | Almquist et al. | — | — | |
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| | 5,705,117 | 01/1998 | O'Connor et al. | — | — | |
| | 5,776,409 | 07/1998 | Almquist et al. | — | — | |
| | 5,807,767 | 09/1998 | Stroupe | — | — | |
| | 5,855,063 | 01/1999 | Schreiber et al. | — | — | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| OTHER DOCUMENTS | | | (Including Author, Title, Date, Pertinent Pages, Etc.) |
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| PD | 5,855,836 | 01/1999 | Leyden et al. | — | — | |
| ↑ | 5,925,931 | 07/1999 | Yamamoto | — | — | |
| | 5,969,424 | 10/1999 | Matsuki et al. | — | — | |
| | 6,063,641 | 05/2000 | Seki | — | — | |
| | 6,081,430 | 06/2000 | La Rue | — | — | |
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| | 6,251,488 | 06/2001 | Miller et al. | — | — | |
| | 6,296,493 | 10/2001 | Michiya | — | — | |
| | 6,312,263 | 11/2001 | Higuchi et al. | — | — | |
| | 6,391,251 | 05/2002 | Keicher et al. | — | — | |
| PD | 6,468,891 | 10/2002 | Williams | — | — | |
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

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